

**REMARKS**

The Examiner's Action mailed on June 22, 2005 has been received and its contents carefully considered.

In this Amendment, Applicant has editorially amended the specification and amended claim 1. Claims 2 and 3 have been canceled. Claims 1 and 4-6 remain pending in the application. Claim 1 is the independent claim. For at least the following reasons, it is submitted that this application is in condition for allowance.

The Examiner has rejected claims 1-6 under 35 U.S.C. 103 (a) as being unpatentable over *Yamashita et al* (USP 5,063,548). Because claim 1 has been amended and claims 2-3 have been canceled, Applicant will treat this rejection as applying only to amended claim 1, and original claims 4-6. It is submitted that these claims are patentably distinguishable over the cited reference for at least the following reasons.

Applicant's independent claim 1 is directed to an interference isolation apparatus for a pick up head applied in an optically readable storage apparatus. The optically readable storage apparatus comprises the pick up head supported by two support shafts. The interference isolation apparatus comprises at least four insulating sheaths formed integrally and respectively wrapping around each end of the two support shafts for isolating the interference between the pick up head and a motor. Further, a size of the insulating sheath matches a size of the support shaft for tightly wrapping around the end of support shafts. The claimed insulating sheaths formed integrally is neither disclosed nor suggested by the cited reference.

*Yamashita* discloses an apparatus having insulating means. However, and in contrast to the present invention, the cited reference discloses the insulating means is an insulating tape, and the insulating tape, such as a resin tape having a thickness of about 20  $\mu\text{m}$ , winds around the guide shaft (please see col. 2 line 65 to col. 3, line 9 of the cited reference). The tape winding is time consuming and is a labor-intensive work.

Moreover, after being wound with the insulating tape, each end of the guide shafts is in contact with the inner surfaces of the notch (42) and plate spring (44) via the insulating tapes (48) (please see col. 2 line 67 to col. 3, line 1 of the cited reference). It is difficult to precisely wrap the insulating tape on the predetermined position of the shaft to an accurate thickness, whether by manual or by automatic skill. However, the accuracy in the component assembly during fabrication is very important for a high-quality optically readable storage apparatus. Imprecise assembly could have an adverse effect on the quality of electrical signals of the optically readable storage apparatus.

Unlike the cited reference, the present invention requires insulating sheaths that are integrally formed, and the size (i.e. the inner diameter) of the insulating sheath matches the size (i.e. the outer diameter) of the support shaft for tightly wrapping around the end of support shafts. Accordingly, besides effectively isolating interference, these integrally formed insulating sheaths can be mass produced, and also can be precisely and quickly assembled during the fabrication of the optically readable storage apparatus. The fabrication cost is consequently decreased. Thus, the present invention possesses the advantages of convenient

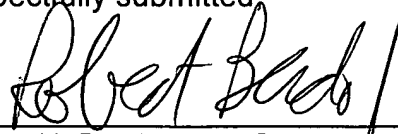
(i.e. quick and easy) and precise assembly, high quality electrical signals (due to precise assembly) and low fabrication costs, which are commercially superior to the cited reference. Thus, the interference isolation apparatus of the present invention is neither disclosed nor suggested by the cited reference. As such, it is submitted that Applicant's independent claim 1, and the claims dependent therefrom, is *prima facie* patentably distinguishable over the cited reference. It is requested that the claims 1 and 4-6 be allowed.

It is submitted that this application is in condition for allowance. Such action and the passing of this case to issue are requested.

Should the Examiner feel that a conference would help to expedite the prosecution of the application, the Examiner is hereby invited to contact the undersigned counsel to arrange for such an interview.

Should any fee be required, the Commissioner is hereby authorized to charge the fee to our Deposit Account No. 18-0002, and advise us accordingly.

Respectfully submitted



August 26, 2005

Date

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AMENDMENT  
Filed August 26, 2005

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